

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/012808

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-17 as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-6 received by this Authority on 17.10.2005 with letter of 17.10.2005
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/2, 2/2 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	Claims <u>1-6</u>	YES
		Claims _____	NO
	Inventive step (IS)	Claims <u>1-6</u>	YES
		Claims _____	NO
	Industrial applicability (IA)	Claims <u>1-6</u>	YES
		Claims _____	NO
2.	Citations and explanations (Rule 70.7)		
	<p>Reference is made to the following documents:</p> <p>D4: EP-A-0 561 153 (HYDROMATIK GMBH; BRUENINGHAUS HYDROMATIK GMBH) 22 September 1993 (1993-09-22).</p> <p>D4 is considered to be the closest prior art and discloses a device for controlling the total displacement of two pumps, 2 and 42, the delivery volume of which can be adjusted by means of a total displacement control valve, 18 and 58.</p> <p>The claimed total displacement control device differs from that of D4 in that, on one valve piston of each total displacement control valve, there is a measuring surface to which a working pressure of the - in each case - other pump is directly applied, and in that a force that is proportional to the displacement of one pump can be applied to the valve piston of the associated total displacement control valve of said pump in the same direction as the hydraulic force acting on the measurement surface.</p> <p style="text-align: right;">/...</p>		

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

Thus, the present invention addresses the problem of devising a total displacement control device requiring no more parts than those for a separate displacement control system.

None of the prior art documents contains or suggests anything that might indicate the features of claim 1 in combination.

The invention is clearly industrially applicable.

The dependent claims relate to further embodiments of the unit according to claim 1 and, in consequence, likewise satisfy the requirements of the PCT in respect of novelty and inventive step.